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☐ 34:	SciSearch® - a Cited Reference Science Database - 1990-	1
☐ 440:	Current Contents Search®	1

There are **2** databases matching your statement '**S PAM(3N)CYS (30N)THIOESTER**'.

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Your select statement is '**S PALM?(15N)THIOESTER**' in databases **ALLMEDPH**.

✓ Select All | X Clear Selections | Begin Databases | New Search | Sort Results

File	Database Name	Hits
☐ 5:	BIOSIS Previews® (1969-present)	110
☐ 34:	SciSearch® - a Cited Reference Science Database - 1990-	89
☐ 35:	Dissertation Abstracts Online	12
☐ 50:	CAB ABSTRACTS	5
☐ 51:	Food Science and Technology Abstracts	2
☐ 65:	Inside Conferences	1
☐ 71:	Elsevier Biobase	57
☐ 73:	EMBASE® (1974-present)	119
☐ 88:	Gale Group Business A.R.T.S. (SM)	10
☐ 94:	JICST-EPlus - Japanese Science & Technology	1
☐ 98:	General Science Abstracts/Fulltext	11
☐ 103:	Energy Science and Technology	6
☐ 143:	Wilson Biological & Agricultural Index	5
☐ 144:	PASCAL	24
☐ 149:	Gale Group Health & Wellness Database(SM)	7
☐ 155:	MEDLINE® (1966-present)	114
☐ 156:	TOXFILE	17
☐ 159:	CANCERLIT®	20
☐ 162:	CAB HEALTH	2
☐ 172:	EMBASE® Alert	1
☐ 266:	Federal Research in Progress (FEDRIP)	1
☐ 285:	BioBusiness®	1
☐ 348:	European Patents Fulltext	29
☐ 349:	WIPO/PCT Patents Fulltext	49

☐ 351:	Derwent World Patents Index	3
☐ 357:	Derwent Biotechnology Resource	1
☐ 370:	Science	1
☐ 377:	Derwent Drug File (1983-present)	3
☐ 399:	CA SEARCH® - Chemical Abstracts® (1967-present)	22
☐ 429:	Adis Newsletters - Archive	1
☐ 434:	SciSearch® - a Cited Reference Science Database - 1974-1989	2
☐ 440:	Current Contents Search®	94
☐ 441:	ESPICOM Pharmaceutical & Medical Device News	1
☐ 459:	Prous Science Daily Essentials - Weekly	1
☐ 484:	Periodical Abstracts PlusText(TM)	6
☐ 654:	U.S. Patents Fulltext (1976-present)	78

There are **36** databases matching your statement '**S PALM?(15N)THIOESTER**'.

✓ Select All | X Clear Selections | Begin Databases | New Search | Sort Results

3/3,AB/4 (Item 1 from file: 34)
10028366 **Genuine Article#:** 475YB **Number of References:** 21
The nature of the bond between peptide and carrier molecule determines the immunogenicity of the construct

Author: Beekman NJCM; Schaaper WMM (REPRINT) ; Langeveld JPM; Boshuizen RS; Meloen RH
Corporate Source: Inst Anim Sci & Hlth ID Lelystad,Dept Mol Recognit,POB 65/NL-8200 AB Lelystad//Netherlands/ (REPRINT); Inst Anim Sci & Hlth ID Lelystad,Dept Mol Recognit,NL-8200 AB Lelystad//Netherlands/
Journal: JOURNAL OF PEPTIDE RESEARCH , 2001 , V 58 , N3 (SEP) , P 237-245
ISSN: 1397-002X **Publication date:** 20010900
Publisher: MUNKSGAARD INT PUBL LTD , 35 NORRE SOGADE, PO BOX 2148, DK-1016 COPENHAGEN, DENMARK
Language: English **Document Type:** ARTICLE
Abstract: The influence of the nature of the bond between a peptide and a (lipidic) carrier molecule on the immunogenicity of that construct was investigated. As types of bonds a thioester-, a disulfide-, an amide- and a thioether bond were investigated. As carrier molecules a peptide, an N-palmitoylated peptide or a C-16-hydrocarbon chain were used. The biostability of the bond between peptide and carrier molecule is thioether > amide > disulfide much greater than thioester. However, the immunogenic potency of the constructs used was found to be thioester > disulfide > amide > thioether. In conclusion, a construct with a bond between peptide and (lipidic) carrier molecule that is more susceptible to biological degradation is more immunogenic when used in a peptide-based vaccine than a bond that is less susceptible to biological degradation.

3/3,AB/7 (Item 1 from file: 88)
03628677 **Supplier Number:** 16942002
Protein lipidation in cell signalling.(Signal Transduction)
Casey, Patrick
Science , v268 , n5208 , p221(5)
April 14 , 1995
ISSN: 0036-8075
Language: English **Record Type:** Fulltext; Abstract
Word Count: 5125 **Line Count:** 00414
Author Abstract: The ability of cells to communicate with and respond to their external environment is critical for their continued existence. A universal feature of this communication is that the external signal must in some way penetrate the lipid bilayer surrounding the cell. In most cases of such signal acquisition, the signaling entity itself does not directly enter the cell but rather transmits its information to specific proteins present on the surface of the cell membrane. These proteins then communicate with additional proteins associated with the intracellular face of the membrane. Membrane localization and function of many of these proteins are dependent on their covalent modification by specific lipids, and it is the processes involved that form the focus of this article.

3/3,AB/9 (Item 1 from file: 348)
01084994
Active hedgehog protein conjugate, process for its production and use
Title in German: Aktives Hedgehog-Protein-Konjugat, Verfahren zur Herstellung und Verwendung
Title in French: Conjuge de protein hedgehog active, procede pour sa production et utilisation

Patent Assignee: Roche Diagnostics GmbH, (205395), Sandhofer Strasse 116, 68305 Mannheim, (DE), (Applicant designated States: all)

Inventor: Esswein, Angelika, Birkenweg 4, 64572 Buettelborn, (DE)
Lang, Kurt, 10 Langoner Strasse, 82377 Penzberg, (DE)
Rueger, Petra, 13 Birkenstrasse, 82377 Penzberg, (DE)
Seytter, Tilmann, 14 Ahornstrasse, 82166 Lochham (Grafelfing), (DE)

Legal Representative: Horner, Martin Grenville et al (45941), Cruikshank & Fairweather 19 Royal Exchange Square, Glasgow G1 3AE Scotland, (GB)

	Patent Number	Kind	Date
Patent	EP 953576	A1	991103 (Basic)
Application	EP 99108032		990423
Priority	EP 98107911		980430
	EP 98116733		980903

Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

Extended Designated States: AL; LT; LV; MK; RO; SI

International Patent Class: C07K-014/47; C07K-019/00

Abstract EP 953576 A1

A hedgehog conjugate which is characterized in that it contains: a) a polypeptide composed of 10 to 30 hydrophobic amino acids and/or amino acids which form transmembrane helices and are positively charged, b) 1 to 4 aliphatic, saturated or unsaturated hydrocarbon residues with a chain length of 10 to 24 C atoms and with a hydrophobic action or c) a hydrophobic thio compound covalently bound to a hedgehog protein and which has a several-fold increased activity and is suitable as a pharmaceutical agent.

Abstract Word Count: 84 **Note:**

Figure number on first page: NONE

Language (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9944	485
SPEC A	(English)	9944	8647

Total word count	Document A	9132
Total word count	Document B	0
Total word count	Document A + B	9132

3/3,AB/10 (Item 2 from file: 348)
00503439

METHODS AND COMPOSITIONS FOR THE IDENTIFICATION, CHARACTERIZATION AND INHIBITION OF FARNESYL PROTEIN TRANSFERASE

Title in German: METHODEN UND REAGENTIEN FUR DIE IDENTIFIKATION, CHARAKTERISIERUNG UND INHIBITION VON FARNESYL-PROTEIN-TRANSFERASE

Title in French: PROCEDES ET COMPOSITIONS SERVANT A L'IDENTIFICATION, A LA CARACTERISATION ET A L'INHIBITION DE LA TRANSFERASE DE PROTEINE FARNESYLE

Patent Assignee: THE UNIVERSITY OF TEXAS SYSTEM, (266347), 201 West 7th Street, Austin, Texas 78701-2981, (US), (Proprietor designated states: all)

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GOLDSTEIN, Joseph, L., 3831 Turtle Creek Boulevard, Apt. 22B, Dallas, TX 75219, (US)
REISS, Yuval, 15730 El-Estado Drive, Apt. 249, Dallas, TX 75248, (US)

Legal Representative: Dost, Wolfgang, Dr.rer.nat., Dipl.-Chem. et al (3049), Patent- und Rechtsanwalte Bardehle . Pagenberg . Dost . Altenburg . Geissler . Isenbruck Galileiplatz 1, 81679 Munchen, (DE)

	Patent Number	Kind	Date
Patent	EP 528820	A1	930303 (Basic)
	EP 528820	B1	961009
	EP 528820	B2	011219
	WO 9116340		911031
Application	EP 91907853		910418
	WO 91US2650		910418
Priority	US 510706		900418
	US 615715		901120

Designated States: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

International Patent Class: C07K-007/06; C12N-009/10; C12N-015/54; C12Q-001/48; C07K-005/10; A61K-038/00

Note:
No A-document published by EPO

Language (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200151	1217
CLAIMS B	(German)	200151	1172
CLAIMS B	(French)	200151	1391
SPEC B	(English)	200151	14773

Total word count	Document A	0
Total word count	Document B	18553
Total word count	Document A + B	18553

3/3,AB/11 (Item 3 from file: 348)
00450594
SURFACTANT COMPOSITIONS AND METHODS

Title in German: OBERFLACHENAKTIVE ZUSAMMENSETZUNGEN UND VERFAHREN

Title in French: COMPOSITIONS DE SURFACTANT ET METHODES Y RELATIVES

Patent Assignee: GENENTECH, INC., (210480), 460 Point San Bruno Boulevard, South San Francisco California 94080, (US), (Proprietor designated states: all)
Byk Gulden Lomberg Chemische Fabrik GmbH, (211754), Byk-Gulden-Str. 2, 78467 Konstanz, (DE), (Proprietor designated states: all)

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	Patent Number	Kind	Date
Patent	EP 482097	A1	920429 (Basic)
	EP 482097	B1	010606
	WO 9100871		910124
Application	EP 90911834		900710
	WO 90US3856		900710
Priority	US 378688		890711

Designated States: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; NL; SE

International Patent Class: C07K-014/785; C12P-011/00

Note:
No A-document published by EPO

Language (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200123	818
CLAIMS B	(German)	200123	678
CLAIMS B	(French)	200123	874
SPEC B	(English)	200123	5079

Total word count	Document A	0
Total word count	Document B	7449
Total word count	Document A + B	7449

3/3,AB/12 (Item 1 from file: 349)
00953484

CORE-GLYCOSYLATED HCV ENVELOPE PROTEINS
PROTEINES D'ENVELOPPE VHC GLYCOSYLEES AU CENTRE

Patent Applicant/Assignee:
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Patent Applicant/Inventor:
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VERHEYDEN Gert, Dellestraat 45, B-3220 Holsbeek, BE , BE (Residence), BE (Nationality), (Designated only for: US)
Legal Representative:
INNOGENETICS N V (commercial rep.), Intellectual Property Department, Industriepark Zwijnaarde 7, Box 4, B-9052 Ghent, BE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200286101 A2 20021031 (WO 0286101)
Application: WO 2002BE64 20020424 (PCT/ WO BE0200064)
Priority Application: EP 2001870088 20010424; US 2001305604 20010717
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 42839

English Abstract

The current invention relates to HCV envelope proteins or parts thereof which are the product of expression in eukaryotic cells. More particularly said HCV envelope proteins are characterized in that on average up to 80 % of their N-glycosylation sites are core-glycosylated. Of these N-glycosylated sites more than 70 % are glycosylated with an oligomannose containing 8 to 10 mannoses. Furthermore, the ratio of the oligomannoses with structure Man(7)-GlcNAc(2) over the oligomannose with structure Man(8)-GlcNAc(2) is less than or equal to 0.45. Less than 10 % of the oligomannoses is terminated with an alpha1,3 linked mannose. The HCV envelope proteins of the invention are particularly suited for diagnostic, prophylactic and therapeutic purposes. A suitable eukaryotic cell for production of the HCV envelope proteins of the invention is a Hansenula cell.

French Abstract

L'invention porte sur des proteines d'enveloppe VHC ou des parties d'enveloppe VHC qui resultent de l'expression des cellules eucaryotes. Plus precisement, ces proteines d'enveloppe VHC se caracterisent par le fait que, en moyenne, jusqu'a 80 % de leurs sites de N-glycosylation sont glycolsyles au centre. Sur ces sites glycosyles au centre, plus de 70 % sont glycosyles avec une oligomannose possedant une structure definie par Man(8 a 10)-GlcNAc(2). Par ailleurs, le rapport oligomannose de structure Man(7)-GlcNAc(2) oligomannose de structure Man(8 a 10)-GlcNAc(2) est inferieur ou egal a 0,45. Moins de 10 % des oligomannoses se terminent par un mannose lie a alpha1,3. Les proteines d'enveloppe VHC selon l'invention conviennent tout particulierement a des fins diagnostiques, prophylactiques et therapeutiques. Une cellule eucaryote utile a la fabrication de proteines d'enveloppe VHC est une celluleHansenula.

3/3,AB/13 (Item 2 from file: 349)
00953375

CONSTRUCTS AND METHODS FOR EXPRESSION OF RECOMBINANT HCV ENVELOPE PROTEINS
CONSTRUCTIONS ET METHODES RELATIVES A L'EXPRESSION DE PROTEINES D'ENVELOPPE RECOMBINANTES DU VHC

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Patent Applicant/Inventor:
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DEPLA Erik, Burgstraat 58, B-9070 Destelbergen, BE, BE (Residence), BE (Nationality), (Designated only for: US)
DESCHAMPS Geert, Ganzeplas 31, B-9880 Aalter, BE, BE (Residence), BE (Nationality), (Designated only for: US)
Legal Representative:

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200285932 A2-A3 20021031 (WO 0285932)
Application: WO 2002BE62 20020424 (PCT/ WO BE0200062)
Priority Application: EP 2001870088 20010424; US 2001305604 20010717
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 36986

English Abstract

The current invention relates to vectors and methods for efficient expression of HCV envelope proteins in eukaryotic cells. More particularly said vectors comprise the coding sequence for an avian lysozyme signal peptide or a functional equivalent thereof joined to a HCV envelope protein or a part thereof. Said avian lysozyme signal peptide is efficiently removed when the protein comprising said avian lysozyme signal peptide joined to a HCV envelope protein or a part thereof is expressed in a eukaryotic cell. Suitable eukaryotic cells include yeast cells such as Saccharomyces or Hansenula cells.

French Abstract

La presente invention concerne des vecteurs et des methodes permettant une expression efficace de proteines d'enveloppe du VHC dans des cellules eucaryotes. Plus particulierement, lesdits vecteurs comprennent la sequence codante pour un peptide signal du lysozyme aviaire ou un equivalent fonctionnel dudit peptide, lie a une proteine d'enveloppe du VHC ou une partie de ladite proteine. Ce peptide signal du lysozyme aviaire est retire, de facon efficace, lorsque la proteine renfermant ledit peptide signal du lysozyme aviaire, lie a une proteine d'enveloppe du VHC ou une partie de cette derniere, est exprimee dans une cellule eucaryote. Parmi les cellules eucaryotes adaptees figurent des cellules de levure, telles que les cellules de Saccharomyces ou Hansenula.

3/3,AB/14 (Item 3 from file: 349)
00948789

POLYNUCLEOTIDE BINDING COMPLEXES COMPRISING STEROLS AND SAPONINS

COMPLEXES DE LIAISON DE POLYNUCLEOTIDES COMPRENANT DES STEROLS ET DES SAPONINES

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Patent Applicant/Inventor:
KIRKBY Nikolai Soren, Laessoesgade 14, 1.sal, DK-2200 Copenhagen N., DK, DK (Residence), DK (Nationality), (Designated only for: US)
DALSGAARD Kristian, Kalvehave Havnevej 22, DK-4771 Kalvehave, DK, DK (Residence), DK (Nationality), (Designated only for: US)
Legal Representative:
HOIBERG APS (agent), Store Kongensgade 59 B, DK-1264 Copenhagen K, DK,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200280981 A2-A3 20021017 (WO 0280981)
Application: WO 2002DK229 20020404 (PCT/ WO DK0200229)
Priority Application: DK 2001560 20010404; US 2001308609 20010731
Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 45213

English Abstract

The present invention pertains to complexes comprising sterols and saponins. The complexes are capable of binding a genetic determinant including a polynucleotide. The complexes may further comprise a lipophilic moiety, optionally a lipophilic moiety comprising a contacting group and/or a targeting ligand, and/or a saccharide moiety. The complexes may further comprise an immunogenic determinant and/or an antigenic determinant and/or a medicament and/or a diagnostic compound. The complexes may in even further embodiments be encapsulated by an encapsulation agent including a biodegradable microsphere. The present invention also pertains to pharmaceutical compositions and methods of treatment of an individual by therapy and/or surgery, methods of cosmetic treatment, and diagnostic methods practised on the human or animal body.

French Abstract

La presente invention concerne des complexes comprenant des sterols et des saponines. Les complexes de l'invention sont capables de lier un determinant genetique comprenant un polynucleotide. Les complexes precites peuvent en outre renfermer un fragment lipophile, facultativement un fragment lipophile comprenant un groupe de contact et/ou un ligand de ciblage, et/ou un fragment saccharide. Ces complexes peuvent aussi comprendre un determinant immunogene et/ou un determinant antigenique et/ou un medicament et/ou un compose diagnostique. Dans d'autres modes de realisation, les complexes de l'invention peuvent meme etre encapsules par un agent d'encapsulation comprenant une micosphere biodegradable. L'invention se rapporte enfin a des compositions pharmaceutiques et a des procedes permettant de traiter un individu par therapie et/ou chirurgie, a des procedes de traitement cosmetique, et a des procedes diagnostiques mis en oeuvre sur le corps humain ou animal.

3/3,AB/27 (Item 16 from file: 349)
00324428

NUCLEOTIDES SEQUENCES OF CANOLA AND SOYBEAN PALMITOYL-ACP THIOESTERASE GENES AND THEIR USE IN THE REGULATION OF FATTY ACID CONTENT OF THE OILS OF SOYBEAN AND CANOLA PLANTS
SEQUENCES NUCLEOTIDIQUES DES GENES DE PALMYTOYLE-ACP THIOESTERASE DE SOJA ET DE CANOLA, ET LEUR UTILISATION POUR MODULER LA TENEUR EN ACIDE GRAS DES HUILES DE SOJA ET DE CANOLA

Patent Applicant/Assignee:
E I DU PONT DE NEMOURS AND COMPANY,
HITZ William Dean,
Inventor(s):
HITZ William Dean,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9606936 A1 19960307
Application: WO 95US10627 19950825 (PCT/ WO US9510627)
Priority Application: US 94299044 19940831
Designated States: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KP KR KZ LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 27904

English Abstract

Nucleotide sequences have been isolated that encode a C16 specific ACP thioesterase. The instant nucleotide sequences are expressed in E. coli and plant tissue. These sequences have been used in the anti-sense inhibition of endogenous plant thioesterase and in the regulation of the acyl co-enzyme A pool for the reduction of saturated fatty acid content in vegetable oil.

French Abstract

Des sequences nucleotidiques codant une ACP (proteine transporteuse d'acyles) thioesterase specifique de C16 ont ete isolees. Les sequences nucleotidiques de la presente invention sont exprimees dans l'espece E. Coli et dans des tissus vegetaux, et ont ete utilisees dans l'inhibition antisens de la thioesterase endogene des plantes et dans la regulation de l'amas de coenzymes A d'acyle en vue de reduire la teneur en acides gras satures des huiles vegetales.

3/3,AB/28 (Item 17 from file: 349)
00198981

METHODS AND COMPOSITIONS FOR THE IDENTIFICATION, CHARACTERIZATION AND INHIBITION OF FARNESYL PROTEIN TRANSFERASE

PROCEDES ET COMPOSITIONS SERVANT A L'IDENTIFICATION, A LA CARACTERISATION ET A L'INHIBITION DE LA TRANSFERASE DE PROTEINE FARNESYLE

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BROWN Michael S ,
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BROWN Michael S,
GOLDSTEIN Joseph L,
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Patent and Priority Information (Country, Number, Date):
Patent: WO 9116340 A1 19911031
Application: WO 91US2650 19910418 (PCT/ WO US9102650)
Priority Application: US 90706 19900418; US 90715 19901120
Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CM DE DE DK DK ES ES FI FR GA GB GB GR HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO PL RO SD SE SE SN SU TD TG US US
Publication Language: English
Fulltext Word Count: 18063

English Abstract

Disclosed are methods and compositions for the identification, characterization and inhibition of farnesyl protein transferases, enzymes involved in the farnesylation of various cellular proteins, including cancer related ras proteins such as p21ras. One farnesyl protein transferase which is disclosed herein exhibits a molecular weight of between about 70,000 and about 100,000 upon gel exclusion chromatography. The enzyme appears to comprise one or two subunits of approximately 50 kDa each. Methods are disclosed for assay and purification of the enzyme, as well as

procedures for using the purified enzyme in screening protocols for the identification of possible anticancer agents which inhibit the enzyme and thereby prevent expression of proteins such as p21ras. Also disclosed is a family of compounds which act either as false substrates for the enzyme or as pure inhibitors and can therefore be employed for inhibition of the enzyme. The most potent inhibitors are ones in which phenylalanine occurs at the third position of a tetrapeptide whose amino terminus is cysteine.

French Abstract

Procedes et compositions pour l'identification, la caracterisation et l'inhibition de transferase de la proteine farnesyle, enzymes servant a la farnesylation de diverses proteines cellulaires, y compris des proteines ras associees au cancer telles que la p21ras. On presente une tranferase de proteine farnesyle qui a un poids moleculaire entre environ 70000 et environ 100000 d'apres la chromatographie par exclusion de gel. L'enzyme semble comprendre une ou deux sous-unites d'environ 50 kDa chacune. On decrit aussi des procedes d'analyse et de purification de l'enzyme, ainsi que des procedures d'utilisation de l'enzyme purifiee dans des protocoles de triage pour l'identification d'eventuels agents anticancereux qui inhibent l'enzyme et empechent ainsi l'expression de proteines telles que la p21ras. On presente enfin une famille de composes qui agissent soit comme de faux substrats pour l'enzyme ou comme inhibiteurs purs et peuvent par consequent etre employes pour l'inhibition de l'enzyme. Les inhibiteurs les plus puissants sont ceux dans lesquels la phenylalanine apparait a la troisieme position d'un tetrapeptide dont la terminaison amino est la cysteine.

3/3,AB/29 (Item 18 from file: 349)
00183533
SURFACTANT COMPOSITIONS AND METHODS
COMPOSITIONS DE SURFACTANT ET METHODES Y RELATIVES

Patent Applicant/Assignee:
GENENTECH INC,
CALIFORNIA BIOTECHNOLOGY INC,
Inventor(s):
BENSON Bradley J,
FRENZ John H,
QUAN Cynthia P,
SHAK Steven,
SHIFFER Kathleen A,
STULTS John T,
VENUTI Michael C,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9100871 A1 19910124
Application: WO 90US3856 19900710 (PCT/ WO US9003856)
Priority Application: US 89688 19890711
Designated States: AT AU BE CA CH DE DK ES FR GB IT JP LU NL SE
Publication Language: English
Fulltext Word Count: 6112

English Abstract
Stable lung surfactant compositions are provided, as well as methods for their preparation, modification, formulation, assay, and therapeutic use.

French Abstract
Compositions stables de surfactant pulmonaire, et methodes de preparation, modification, formulation, dosage, et utilisation therapeutique.

3/3,AB/30 (Item 1 from file: 399)
121272875 **CA**: 121(23)272875r JOURNAL
The low affinity neurotrophin receptor, p75LNTR, is palmitoylated by thioester formation through cysteine 279

Author: Barker, Philip A.; Barbee, Garth; Misko, Thomas P.; Shooter, Eric M.
Location: Dep. Neurobiology, Stanford University School Medicine, Stanford, Can., 94305-5401
Journal: J. Biol. Chem.
Date: 1994
Volume: 269 **Number**: 48 **Pages**: 30645-50
CODEN: JBCHA3
ISSN: 0021-9258
Language: English

3/3,AB/31 (Item 1 from file: 484)
01992313 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New biological and clinical roles for the n-6 and n-3 fatty acids

Hansen, Harald S
Nutrition Reviews (INUT) , v52 n5 , p 162-167
May 1994
ISSN: 0029-6643 **Journal Code**: INUT
Document Type: Feature
Language: English **Record Type**: Fulltext; Abstract
Word Count: 3604 **Length**: Long (31+ col inches)

Abstract:

Four new findings of the biochemistry and biology of the essential ı n-3 fatty acids are discussed. The findings will augment current kı as to the role of the essential fatty acids in human health.

3/3,AB/32 (Item 1 from file: 654)

4826619
Utility
Methods of imaging and treatment with targeted compositions

Inventor:Unger, Evan C., Tucson, AZ
Wu, Yunqiu, Tucson, AZ
Assignee: Bristol-Myers Squibb Medical Imaging, Inc. (02), Princeto
Examiner: Travers, Russell (Art Unit: 167)
Assistant Examiner: Sharareh, Shahnam
Law Firm: Woodcock Washburn LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6521211	A	20030218	US 99243640	1999020
CIP	Pending			US 98218660	1998122
CIP	Abandoned			US 96660032	1996060
CIP	Abandoned			US 96640464	1996050
CIP	Abandoned			US 95497684	1995060
Priority				US 99243640	1999020
				US 98218660	1998122
				US 96660032	1996060
				US 96640464	1996050
				US 95497684	1995060

Abstract:
Novel ultrasound methods comprising administering to a patient a targeted vesicle composition which comprises vesicles comprising a protein or polymer, encapsulating a gas, in combination with a ta ligand, and scanning the patient using ultrasound. The scanning m comprise exposing the patient to a first type of ultrasound energ then interrogating the patient using a second type of ultrasound The targeting ligand preferably targets tissues, cells or recepto including myocardial cells, endothelial cells, epithelial cells, cells and the glycoprotein GPIIbIIIa receptor. The methods may be detect a thrombus, enhancement of an old or echogenic thrombus, l concentrations of vesicles and vesicles targeted to tissues, cell receptors..

3/3,AB/33 (Item 2 from file: 654)

4768141
Derwent Accession: 1999-602946
Utility
C/ Active hedgehog protein conjugate
Inventor:Esswein, Angelika, Buettelborn, DE
Lang, Kurt, Penzberg, DE
Rueger, Petra, Penzberg, DE
Seytter, Tilman, Graefelfing, DE
Assignee: Curis, Inc. (02), Cambridge, MA
Curis Inc (Code: 56622)
Examiner: Russel, Jeffrey E. (Art Unit: 163)
Law Firm: Ropes & Gray
Combined Principal Attorneys: Vincent, Matthew P.; Halstead, David

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6468978	A	20021022	US 99301199	1999042
Priority				EP 98107911	1998043
				EP 98116733	1998090

Abstract:
A hedgehog conjugate which is characterized in that it contains polypeptide composed of 10 to 30 hydrophobic amino acids and/or a acids which form transmembrane helices and are positively charged to 4 aliphatic, saturated or unsaturated hydrocarbon residues wit chain length of 10 to 24 C atoms and with a hydrophobic action or hydrophobic thio compound covalently bound to a hedgehog protein which has a several-fold increased activity and is suitable as a pharmaceutical agent.
Document type: C

3/3,AB/34 (Item 3 from file: 654)

4745421
Derwent Accession: 2003-110149
Utility
C/ Modified G protein sunbunits
Inventor:Kobilka, Brian, Palo Alto, CA
Lee, Tae Weon, Palo Alto, CA
Assignee: The Board of Trustees of the Leland Stanford Junior Unive:
02), Palo Alto, CA
Stanford, Leland Jr University Trustees (Code: 49136)
Examiner: Horlick, Kenneth R. (Art Unit: 166)
Assistant Examiner: Strzelecka, Teresa
Law Firm: Bozicevic, Field & Francis LLP
Combined Principal Attorneys: Francis, Carol L.; Phinney, David D.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6448377	A	20020910	US 2000672239	2000092
Priority				US 2000672239	2000092

Abstract:
The present invention provides modified G protein [alpha]-subun: which are characterized by constitutive localization to the plasm: membrane; enhanced binding to one or more of the normal receptor] partners for that [alpha]-subunit; and efficient binding to and activation of G protein binding partners. The distribution of the: modified [alpha]-subunits, which are "tethered" to the plasma meml allows the regulation of receptor-G protein coupling, and thus G-] signaling, in various biological systems.
Document type: C

3/3,AB/35 (Item 4 from file: 654)

4741489
Derwent Accession: 1999-385356
Utility
CERTIFICATE OF CORRECTION
C/ Hydrophobically-modified hedgehog protein compositions and methods
Inventor: Pepinsky, R. Blake, Arlington, MA
Baker, Darren P., Hingham, MA
Wen, Dingyi, Waltham, MA
Williams, Kevin P., Natick, MA
Garber, Ellen A., Cambrdige, MA
Taylor, Frederick R., Milton, MA
Galdes, Alphonse, Lexington, MA
Porter, Jeffrey, Cambridge, MA
Assignee: Curis, Inc. (02), Cambridge, MA
Biogen, Inc. (02), Cambridge, MA
Biogen Inc
Curis Inc (Code: 21695 56622)
Examiner: Spector, Lorraine (Art Unit: 166)
Assistant Examiner: O'Hara, Eileen B.
Law Firm: Ropes & Gray
Combined Principal Attorneys: Vincent, Matthew P.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6444793	A	20020903	US 99325256	1999060
Continuation	Pending			WO 98US25676	1998120
Priority				US 99325256	1999060
				WO 98US25676	1998120

Abstract:
Hydrophobically-modified proteins and methods of making them ar described. A hydrophobic moiety is attached to a surface amino ac residue of the protein. The hydrophobic moiety can be a lipid or peptide. Alternatively, the protein can be derivatized by a wide of chemical reactions that append a hydrophobic structure to the The preferred protein is of mammalian origin and is selected from group consisting of Sonic, Indian, and Desert hedgehog. The hydro moiety is used as a convenient tether to which may be attached a such as a cell membrane, liposome, or micelle.
Document type: C CERTIFICATE OF CORRECTION

3/3,AB/36 (Item 5 from file: 654)

4552446
Derwent Accession: 1996-160367
Reissue
C/ Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid co the oils of soybean and canola plants; ENCODING ACYL-ACYL CARRIER PROTEIN THIOESTERASE ENZYMES TO MODIFY PLANT LIPID COMPOSIT CHIMERIC GENES AND SUITABLE REGULATORY SEQUENCES USED TO CREATE TRA PLANTS WITH ALTERED LEVELS OF SATURATED FATTY ACIDS
Inventor:Hitz, William Dean, Wilmington, DE
Assignee: E. I. du Pont de Nemours and Company (02), Wilmington, DE
Du Pont de Nemours, E I & Co (Code: 25048)
Examiner: Nelson, Amy J. (Art Unit: 168)

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US RE37317	E	20010807	US 2000535828	2000032
Continuation	Abandoned			US 94299044	1994083
1st Reissue	US 5955650	A	19990921	US 97793410	1997022
PCT	WO 9606936		19960307	WO 95US10627	1995082
		371:	19970224		
		102e:	19970224		
Priority				US 2000535828	2000032
				US 97793410	1997022
				US 94299044	1994083

Abstract:
The preparation and use of nucleic acid fragments encoding acyl carrier protein thioesterase enzymes to modify plant lipid compos are disclosed. Also disclosed are chimeric genes incorporating su nucleic acid fragments and suitable regulatory sequences may be u create transgenic plants with altered levels of saturated fatty a
Document type: C

3/3,AB/38 (Item 7 from file: 654)

4115573
Derwent Accession: 1999-189637
Utility
REASSIGNED
C/ Surfactant compositions and methods; EXPRESSING AND RECOVERING RECOMBINANTLY PRODUCED SURFACTANT PROTEIN-C, TREATING WI' ACTIVATED DERIVATIVE OF FATTY ACID, THUS FORMING FATTY ACID THIOESTI CYSTEINE RESIDUES; FOR STABLE, NONAGGREGATING THERAPY FOR PREMATURE
Inventor:Benson, Bradley J., Chapel Hill, NC
Frenz, John H., Brisbane, CA
Quan, Cynthia P., Redwood City, CA
Shak, Steven, Burlingame, CA
Shiffer, Kathleen A., Tiburon, CA
Venuti, Michael C., San Francisco, CA
Stults, John T., San Mateo, CA
Lesikar, David, Palo Alto, CA
Assignee: Byk Gulden Lomberg Chemische Fabrik GmbH (03), Constance,
Byk-Gulden Lomberg Chemische Fabrik DE (Code: 12856)
Examiner: Jacobson, Dian C. (Art Unit: 162)
Assistant Examiner: Lou, Kawai
Law Firm: Morrison & Foerster LLP
Combined Principal Attorneys: Dylan, Ph.D., Tyler M.

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5876970	A	19990302	US 94278189	1994072
Continuation	Abandoned			US 9389411	1993070
Continuation	Abandoned			US 90550601	1990071
CIP	Abandoned			US 89378688	1989071
Priority				US 94278189	1994072
				US 9389411	1993070
				US 90550601	1990071
				US 89378688	1989071

Abstract:
Stable lung surfactant compositions are provided, as well as me for their preparation, modification, formulation, assay, and ther use.
Document type: C REASSIGNED

3/3,AB/39 (Item 8 from file: 654)

3306667
Derwent Accession: 1991-339750
Utility
C/ Isolated farnesyl protein transferase enzyme
Inventor:Brown, Michael S., Dallas, TX
Goldstein, Joseph L., Dallas, TX
Reiss, Yuval, Dallas, TX
Assignee: Board of Regents, The University of Texas System (02), Au:
Texas, University of System (Code: 83960)
Examiner: Brown, Johnnie R. (Art Unit: 183)
Assistant Examiner: Gitomer, Ralph
Law Firm: Arnold, White & Durkee

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5141851	A	19920825	US 90615715	1990112
CIP	Abandoned			US 90510706	1990041
Priority				US 90615715	1990112
				US 90510706	1990041

Abstract:
Disclosed are methods and compositions for the identification, characterization and inhibition of farnesyl protein transferases, involved in the farnesylation of various cellular proteins, inclu cancer related ras proteins such as p21[sup]ras. One farnesyl pro transferase which is disclosed herein exhibits a molecular weight between about 70,000 and about 100,000 upon gel exclusion chromat The enzyme appears to comprise one or two subunits of approximate kDa each. Methods are disclosed for assay and purification of the as well as procedures for using the purified enzyme in screening protocols for the identification of possible anticancer agents wh inhibit the enzyme and thereby prevent expression of proteins suc p21[sup]ras. Also disclosed is a families of compounds which act as false substrates for the enzyme or as pure inhibitors and can therefore be employed for inhibition of the enzyme. The most pote inhibitors are ones in which phenylalanine occurs at the third po of a tetrapeptide whose amino terminus is cysteine.
Document type: C

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 'RD' - Duplicate detection is not supported for File 349.

 'RD' - Duplicate detection is not supported for File 429.

 'RD' - Duplicate detection is not supported for File 441.

 'RD' - Duplicate detection is not supported for File 459.

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3/3,AB/2 (Item 2 from file: 5)
08957703 **Biosis No.:** 199396109204

The G protein alpha-s subunit incorporates tritiated palmitic acid and mutation of cysteine-3 prevents this modification.

Author: Degtyarev Michael Y; Spiegel Allen M; Jone Teresa L Z(a)
Author Address: (a)MPB/ NIDDK, Build. 10, Room 8C-101, NIH, Bethesda, MD 20892**USA
Journal: Biochemistry 32 (32): p 8057-8061 1993
ISSN: 0006-2960
Document Type: Article
Record Type: Abstract
Language: English

Abstract: We investigated whether alpha-s could be acylated by palmitate by transfecting COS cells with the cDNA for the wild-type, long form of alpha-s and metabolically labeling with (3H)palmitate or (35S)methionine. Cells were separated into particulate and soluble fractions and immunoprecipitated with a specific peptide antibody. (3H)Palmitate was incorporated into both endogenous and transfected alpha-s. Inhibition of protein synthesis with cycloheximide did not block the radiolabeling of alpha-s with (3H)palmitate. Hydroxylamine treatment caused a release of the tritium radiolabel, demonstrating that the incorporation was through a thioester bond. The tritium radiolabel was base-labile and comigrated with (3H)palmitate on thin-layer chromatography. The third residue of the wild-type alpha-s was mutated from a cysteine to an alanine by site-directed mutagenesis. This mutant was expressed in COS cells and localized to the particulate fraction as determined by immunoprecipitation of the(35S)methionine-labeled cells. The cysteine-3 mutant did not undergo radiolabeling with (3H)palmitate, indicating that this residue is crucial for the modification.

1993

3/3,AB/3 (Item 3 from file: 5)
06224369 **Biosis No.**: 000086058551

POST-TRANSLATIONAL PROTEIN MODIFICATION IN THE ENDOPLASMIC RETICULUM DEMONSTRATION OF FATTY ACYLASE AND DEOXYMANNOJIRIMYCIN-SENSITIVE ALPHA MANNOSIDASE ACTIVITIES

Author: RIZZOLO L J; KORNFELD R
Author Address: DEP. ANAT. CELL BIOL., EMORY UNIV. SCH. MED., ATLANTA, GA. 30322.
Journal: J BIOL CHEM 263 (19). 1988. 9520-9525. 1988
Full Journal Name: Journal of Biological Chemistry
CODEN: JBCHA
Record Type: Abstract
Language: ENGLISH

Abstract: We have previously described a hybrid protein, GHHA, that contains a fragment of the influenza hemagglutinin joined to the C terminus of a nearly complete rat growth hormone (Rizzolo, L. J., Finidori, J., Gonzalez, A., Arpin, M., Ivanov, I. E., Adesnik, M., and Sabatini, D. D. (1985) J. Cell Biol. 101, 1351-1362). GHHA was transported from the rough endoplastic reticulum (ER) to a smooth cisterna, continuous with the rough ER, but proximal to the Golgi apparatus. We have now labeled GHHA with [3H]palmitate, demonstrating that fatty acylation can occur in the ER. As expected for a thioester linkage, the label was released from GHHA by hydroxylamine and identified as palmitic acid by thin-layer chromatography. In a second study, we analyzed the structure of the N-linked carbohydrate chain of GHHA. The N-linked oligosaccharides, all high-mannose type, were released by endoglycosidase H and size-fractionated by high pressure liquid chromatography. The predominant structures were Glc1Man8GlcNAc and Man8GlcNAc, indicating that only 2 or 3 glucose and 1 mannose residues were removed from the original Glc3Man9GlcNAc2. Determination of the structure by acetolysis fragmentation indicated that a single Man8GlcNAc isomer was formed by a deoxymannojirimycin-sensitive .alpha.-mannosidase. This contrasts with a previously characterized ER .alpha.-mannosidase (Bischoff, J., Liscum, L., and Kornfeld, R. (1986) J. Biol. Chem. 261, 4766-4774) that generates the same isomer, but is deoxymannojirimycin-resistant. These data suggest the possibility that different enzymes are partitioned within the ER.

1988

3/3,AB/5 (Item 2 from file: 34)
04319408 **Genuine Article#:** RW314 **Number of References:** 35
BIOCHEMICAL-CHARACTERIZATION OF A PALMITOYL ACYLTRANSFERASE ACTIVITY THAT PALMITOYLATES MYRISTOYLATED PROTEINS

Author: BERTHIAUME L; RESH MD
Corporate Source: MEM SLOAN KETTERING CANC CTR,DEPT GENET & CELL BIOL,1275 YORK AVE,BOX 143/NEW YORK//NY/10021; MEM SLOAN KETTERING CANC CTR,DEPT GENET & CELL BIOL/NEW YORK//NY/10021
Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , 1995 , V 270 , N38 (SEP 22) , P 22399-22405
ISSN: 0021-9258
Language: ENGLISH **Document Type:** ARTICLE
Abstract: Dynamic regulation of signal transduction by revers reversible palmitoylation-depalmitoylation cycles has been recently described, However, further understanding of fatty acylation reactions has been hampered by our lack of knowledge about the specific transferases and thio esterases involved. Here, we describe an assay for the palmitoyl acyltransferase (PAT) that palmitoylates ''myrGlyCys'' containing members of the Src family of protein tyrosine kinases (PTKs), Since N-myristoylation of Fyn PTK, a member of the Src family, has been shown to be a prerequisite for palmitoylation, a new single plasmid vector that allows overexpression of myristoylated Fyn substrate in Escherichia coli was developed, Purified myristoylated protein substrates were incubated with [I-125]iodopalmitoyl CoA, a palmitoyl CoA analog, in the presence of bovine brain lysates, Transfer of radiolabel to the Fyn substrate was detected by SDS-polyacrylamide gel electrophoresis and autoradiography. This assay was used to partially purify and characterize PAT activity from bovine brain. Here, we demonstrate that PAT is a membrane-bound enzyme, which palmitoylates myristoylated Fyn substrates containing a cysteine residue in position three. The PAT activity attached palmitate to Fyn proteins via a thioester Linkage and exhibited a fatty acyl CoA preference for long chain fatty acids, It is likely that palmitoylation of Fyn and other Src family members by PAT regulates PTK localization and signaling functions.